

Remarks

Claims 1-15, 31, and 32 were previously pending in the application. In the present response, Claims 11, 13, and 14 have been canceled. Accordingly, after entry of the response Claims 1-10, 12, 15, 31, and 32 will be pending. Reconsideration is respectfully requested based on the following remarks.

Claim Rejections 35 U.S.C. §103

Claims 13, 5, 7, 9, 31, and 32 were rejected under 35 U.S.C. §103(a) as being unpatentable over Kurauchi et al. (U.S. Patent No. 6,323,921), herein referred to as “Kurauchi”, in view of Sawasaki et al. (U.S. Patent No. 6,836,308), herein referred to as “Sawasaki”, and further in view of Nakajima et al. (U.S. Patent No. 6,317,187), herein referred to “Nakajima”, and in further view of Lin et al. (U.S. Publication No. 2003/0156237), herein referred to as “Lin”.

Claims 4, 6, 8, and 10-15 were rejected under 35 U.S.C. §103(a) as being unpatentable over Kurauchi”, in view of Sawasaki, Nakajima, and Lin as applied to Claims 3, 5, 7, and 9, and further in view of Yamada (U.S. Patent No. 6,140,988).

Of the above-referenced claims, Claim 1 is independent. Accordingly, once allowability of this claim is established, all claims depending therefrom are likewise allowable.

Claim 1 has been amended to recite, “a light visual angle pattern disposed on the common electrode”.

Applicants’ subject matter relates to a liquid crystal display apparatus and method of manufacturing the same.

As shown below in Applicants' Figure 8, a liquid crystal display apparatus includes a first panel 100, a second panel 200 and a liquid crystal layer 300. The first panel 100 includes a first transparent substrate 110 having a pixel area PA, a first color filter 130 disposed at the pixel area PA and having a first edge, a second color filter 132b disposed adjacent to the first color filter 130 and having a second edge overlapped with the first edge, a spacer 134b and 136b disposed on the overlapped area between the first color filter 130 and the second color filter 132b, and a pixel electrode 150 disposed on the first color filter 130.

The second panel 200 includes a second transparent substrate 210, a light blocking pattern 230 formed on the second transparent substrate 210, a common electrode 220 disposed on the second transparent substrate 210 and having a protruding portion contacting with the spacer 134b and 136b by the light blocking pattern 230, and a light visual angle pattern 232 disposed on the common electrode 220 at a position corresponding to the pixel area PA having a same material as the light blocking pattern 230.

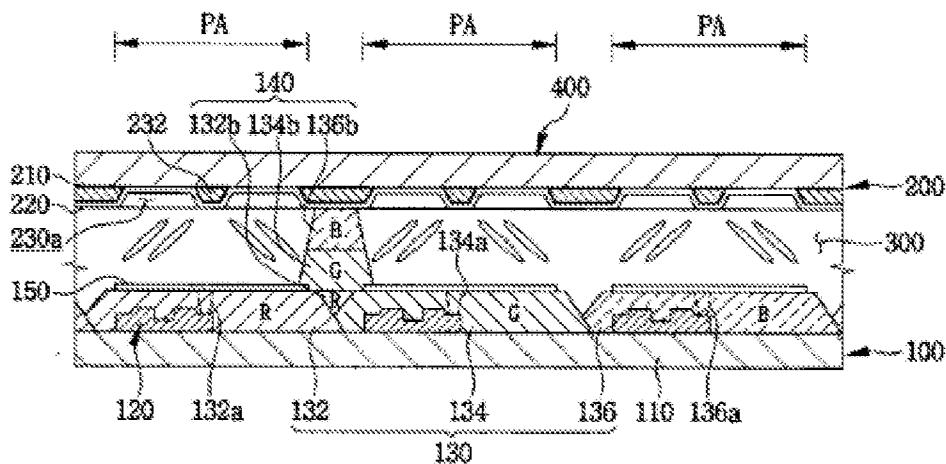
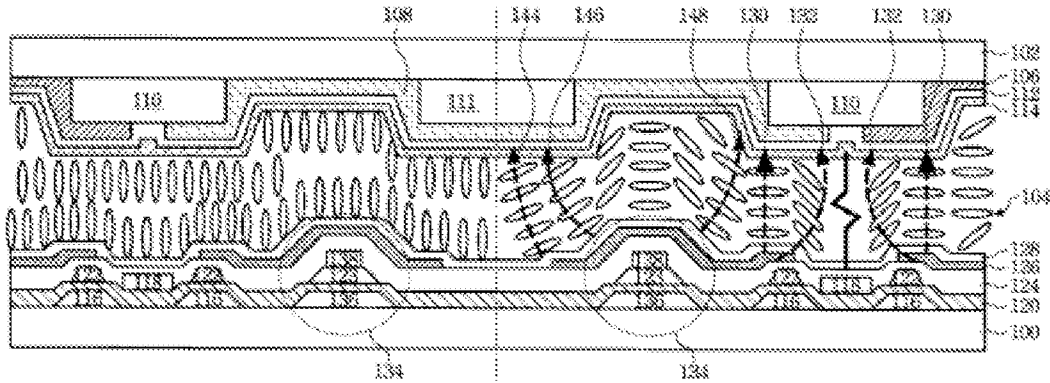


FIG. 8

In rejecting Claim 1 the Examiner indicated that Lin discloses an LCD having a light visual angle pattern (111) (see Figures 6A-6C).

However, in contrast to Applicants' claimed subject matter, as shown below in Figure 6A of **Lin**, the black matrix 111 is disposed between the second glass substrate 102 and the common electrode 112.



As such, Applicants submit that Kurauchi, Sawasaki, Nakajima, and Lin alone or in combination fail to disclose, teach, or otherwise suggest, “a light visual angle pattern disposed on the common electrode”, as recited in Applicants’ Claim 1.

For at least this reason, Applicants respectfully submit independent Claim 1, and all claims depending therefrom are patentable.

Accordingly, Applicants respectfully request reconsideration and withdrawal of the rejections under 35 U.S.C. §103(a).

Conclusion

In view of the remarks set forth above, it is submitted that the application is now in condition for allowance. Authorization is given to charge any fees due or credit any overpayments in regard to this communication to deposit account 50-5029. If the Examiner has any questions or concerns, a telephone call to the undersigned at (408) 331-1682 is welcomed and encouraged.

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